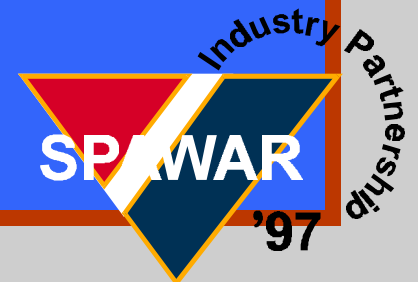
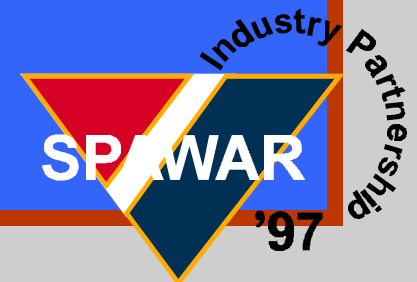


NRaD Communication & Information Systems Department

Presented by
Dr. Marlan Kvigne
Code D805
NRaD San Diego



Vision: Be the Navy Leader
for communication &
information technology that
provides seamless, global,
*assured dynamic interoperable
connectivity* to support Navy &
JOINT Warriors



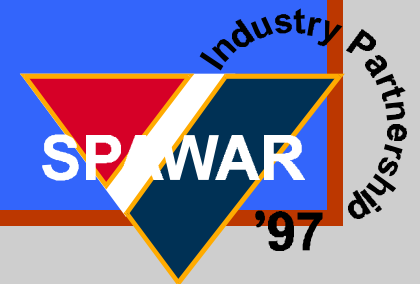
NRaD Communication Roles

- Manage & Execute Communication Efforts for Sponsors
 - From Concept to Fleet Support
 - Includes: Research & Development, Analyses, Design, System Engineering, Integration, Integrated Life Cycle Management, Technical Management



Business Thrusts

- Networks
- Submarine Communications
- Mobile Communications
- Electromagnetics
- Propagation
- Integrated Circuit Development Facility



NRaD Comm Sponsors

Principle-SPAWAR

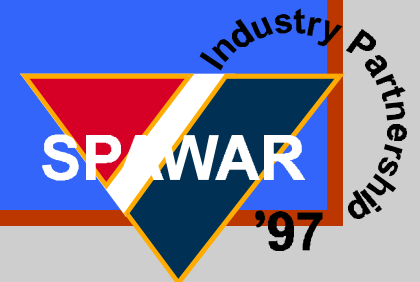
Non-SPAWAR Sponsors

- DARPA ~41%
- Other Navy~14%
- Other DOD~18%
- NAVSEA~7%
- ONR~18%
- NAVAIR~1%



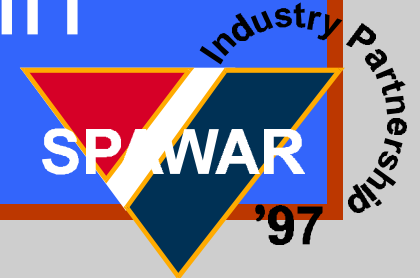
Looking to Future

- COTS
- Network Centric Warfare
- Tighter Coupling of Applications to Network & Physical Layers
- Many Small Projects



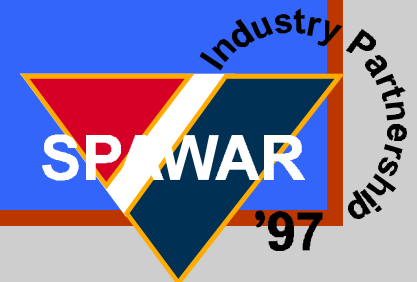
How Industry Can Help

- Understand Navy Needs
- Employ open systems architectures
- Reduce complexity from user perspective
- Improve training and built in help



New Technology Opportunities

- Communication Services tied to Applications
- Quality of Service & RSVP Protocols
- Simple, Robust Security
- DARPA BAAs



NRaD Communication POCs

- Code D80 Business POC
- Jim Rhode (619-553-4264)
- email: rhode@nosc.mil
- All NRaD Contracts Info
- <http://www.nosc.mil/contract/>

